

8.33 ALARM 920, 922 (WATCH DOG OR RAM PARITY)

points

- Watch dog timer alarm
- RAM parity error

Causes and Remedies

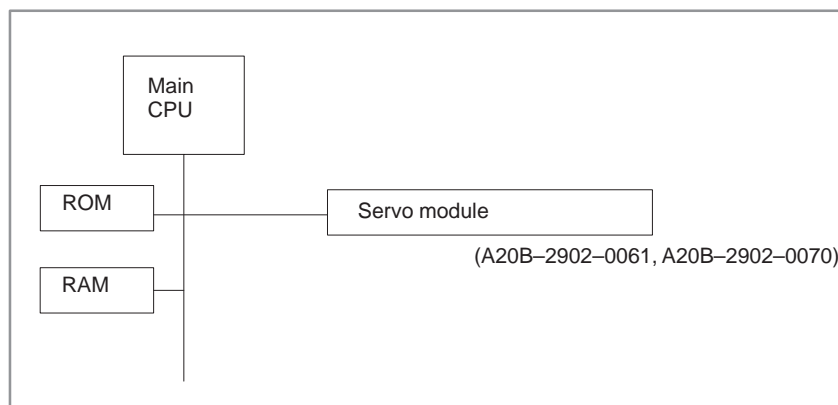
- Servo control module is faulty

- 920: Watch dog alarm or RAM parity in servo control module has occurred in servo control module on the main CPU board
- 922: Above alarm has occurred in servo control module on the option 3 board

The timer used to monitor the operation of CPU is called the watch dog timer. The CPU resets timer time every time a constant time has passed. When an error occurs in CPU or peripheral device, timer is not reset but the alarm is informed.

Refer to alarm 910 to 915

The servo module includes servo RAM, watch dog timer circuit, etc. Defectiveness of hardware, abnormality or malfunctioning of detection circuit or the like is considered. Therefore, replace servo module on the main CPU board for alarm 920 and 921; replace servo module on the option 2 board for alarm 922 and 923.



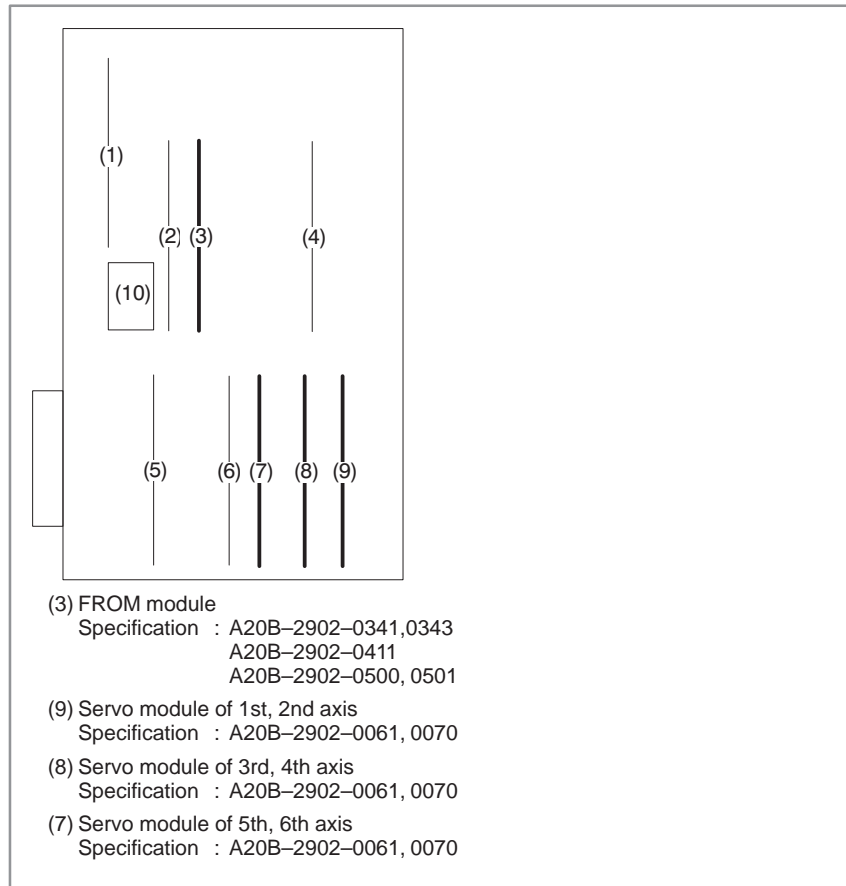
- Main CPU board is faulty
- CNC control software ROM module is faulty
- Power supply unit is faulty

CPU or peripheral circuits may be faulty. Replace the main CPU board.

Software may not work properly due to failure of FROM module. Change FROM module.

DC output voltage of power supply unit may be faulty. Replace the power supply unit.

<Location of module> Main CPU board



<Location of module> Option 2 board

